

# **UNSCHEDULED/UNFUNDED PROJECTS**

## UNSCHEDULED/UNFUNDED PROJECTS

There are numerous projects planned by municipal departments that have not yet been scheduled and funded in the CIP. Many will be included in future CIPs.

### **PUBLIC WORKS**

#### ***City Building Maintenance & Grounds***

##### Convert Courts Building HVAC to Direct Digital Control

An estimated cost of \$25,000 is associated with converting the Courts Building's heating, ventilating, and air conditioning (HVAC) controls to direct digital controls. Approximately 85% of the Courts building's pneumatic system has been converted to a digital system. The remainder of the building needs converting to provide more efficient control from the Building Management Control System.

##### Emergency Generators

An estimated cost of \$100,000 per location is associated with purchasing backup generators for the Public Works garage and fuel site.

##### Public Works Courtyard Enclosure

An estimated cost has yet to be determined for the enclosure of the Public Works courtyard which will provide additional building space for offices that will be used for training and meetings.

##### Public Works Garage/Warehouse

An estimated cost of \$3,000,000 is associated with constructing a new Public Works garage and warehouse facility, one-fourth the size of existing building. The garage will include six drive-through bays, a wash bay, offices, and meeting room. The current garage is over 50 years old and has outdated safety and maintenance equipment. The garage has a stream under the building which poses an environmental hazard in the case of spills. In addition, the size and quantity of bays and lifts is insufficient for current usage.

##### Health Department

An estimated cost has yet to be determined for the replacement of a roof and air conditioner system for the Health Department building on Taylor Drive. Replacement of the air conditioner system includes the air handling unit, variable air volume boxes, and HVAC controls. The building's roof is past its life expectancy. The noted components are old and parts are hard to find.

##### City Jail Sally Port Door Replacement

An estimated cost of \$50,000 is associated with replacing the doors with new high speed doors that will improve security.

### Building Management Control Systems

An estimated cost of \$28,000 per building is associated with replacing the HVAC controls in the Municipal Building and the Courts Building.

### ***Motorized Equipment***

#### Roof construction at fuel sites for Mass Transit & Utilities

An estimated cost of \$200,000 and \$100,000 respectively, are associated with the construction of roofing for Mass Transit and Utilities fuel sites. EPA Regulations of Clean Water Act may change and affect the City's Stormwater Pollution Prevention Plan.

#### Radio Tower installation on East End

An estimated cost of \$150,000 is associated with the installation of a radio tower and equipment for the east side of the City of Danville. A radio tower is needed to improve reception for portable and mobile radios to eliminate dead areas within the service region.

#### Large Vehicle/Equipment Replacements

A total estimated cost of \$1,300,000 is associated with replacing four items in the large vehicle/equipment category. The items listed below are nearing life expectancy and not included in the Vehicle Replacement Plan.

1. 2002 Grinder was purchased used, been used severely, and doesn't have long life expectancy. A grinder is necessary to meet state recycling requirements. - \$250,000
2. 1992 Loader was purchased new. It has outlived its life expectancy and is an inadequate size for intended use. - \$250,000
3. 2004 Sideloader was purchased used. A sideloader's life expectancy is 5 to 8 years. - \$300,000
4. 1992 Paint truck was purchased new. It has outperformed itself. - \$500,000

### ***Street Improvements***

#### Regional Detention & Water Quality Storm Water Pond

An estimated cost and location have yet to be determined to construct a River District storm water quality and quantity mitigation pond needed to offset district-wide construction projects.

#### Traffic Signal Replacement

An estimated cost of \$75,000 per year is associated with traffic light replacement. The City has 75 traffic signals of varying ages which require replacement. The plan is to replace one per year to stay current with new technology.

### Brick Sidewalks

An estimated cost of \$100,000 per year is associated with replacing and repairing existing brick sidewalks that are uneven and hazardous. Existing brick sidewalks routinely need replacing and repairing to prevent dangerous conditions.

### North Main Street Business District

An estimated cost has yet to be determined for the reconstruction of North Main Street, Business District streets, and sidewalks. The brick road base is beginning to fail.

### Sidewalks on Piedmont Drive

An estimated cost of \$350,000 for 12,500 feet of sidewalk is associated with constructing sidewalks on the north-bound and south-bound lanes of Piedmont Drive from the Robertson Bridge to Lowes Drive. The bridge on Piedmont Drive over Sandy River would have to be widened to add sidewalks in each direction. This will provide a safe walking area for pedestrians. CIP local funds could be matched with VDOT Revenue Sharing funds.

### Construction of cul-de-sacs

An estimated cost of \$100,000 per year is associated with the construction of cul-de-sacs on dead end residential streets for school buses, garbage trucks, and service vehicles to turn around. Large vehicles have a difficult time providing services to dead end streets within the City.

### Riverside Drive - Replace Concrete Pavement

An estimated cost of \$1,000,000 per year with local CIP funds matched with VDOT Revenue Sharing funds is associated with removing and replacing the concrete pavement under the asphalt surface on the east-bound and west-bound lanes of Riverside Drive from Locust Lane to Fairmont Circle. The concrete joints continue to separate, destroying the asphalt overlays and creating a safety hazard. This project would be performed in phases.

## ***Sewer Improvements***

### Pumpkin Creek Sewer Extension

An estimated cost of \$900,000 is associated with extending a 15-inch diameter sewer by 4,500 feet from Rutledge Creek to Pumpkin Creek and under the Route 29 Bypass. This line would serve the existing buildings now using septic tanks and a large tract of prime commercial and industrial property.

### Parker Road Sewer Line

An estimated cost of \$1,630,000 is associated with reconstructing 16,300 feet of sewer line. The existing 15-inch, 12-inch, and 8-inch sewer line from Piedmont Drive to Robinwood Drive needs to be replaced to reduce infiltration and inflow.

### Recycling Center

An estimated cost of \$2,000,000 is associated with constructing a recycling center to provide an enclosed and heated sorting operation area. The facility would be located at the old landfill site off Stinson Drive.

### Downtown Sanitary Sewer Relining

An estimated cost of \$100,000 per year for five years is required to complete this sewer relining project that includes the installation of cured-in-place liners in downtown sewer collection lines. The existing sanitary sewer lines run under buildings and parallel creeks in the downtown area. These lines were installed in the 1900s and are deteriorating. The lines would be installed without excavating the streets.

### Sewer Flow Monitoring from Counties

An estimated cost of \$120,000 is associated with remote monitoring by telemetry at six sanitary sewer flow meter sites that measure sewer flow from Pittsylvania County and Caswell County. The flow volume for billing other localities is currently measured by a weir. These are subject to blockages and can give inaccurate readings.

### Coleman Site Force Main Extension

A total estimated cost of \$1,200,000 is associated with the proposed development of the Coleman site on Gypsum Road due to the sanitary sewer availability in this area. Gravity sanitary sewer is not available to serve the proposed development of the Coleman tract on Gypsum Road. A 6,000 foot six-inch force main and on-site pumping station is needed. In addition, a 12-inch gravity sewer needs to be extended from the Southside Wastewater Treatment Plant under the Norfolk Southern Railroad track to Gypsum Road.

1. On-site Pumping Station - \$200,000
2. 6,000 ft. Six-inch Force Main - \$300,000
3. 4,300 ft. Gravity Sewer - \$500,000
4. Railroad Crossing - \$200,000

## **PARKS & RECREATION**

### Carrington Pavilion

An estimated cost of \$400,000 is associated with replacing the canopy at the Carrington Pavilion. The canopy is original to the pavilion which was built in 2001. These canopies come with a ten-year manufacturer's warranty which has now expired. Currently we have purchased a maintenance plan that covers small repairs. Though the life of the canopy cannot be determined, it is past the life of its warranty. The previously quoted replacement cost was given from the manufacturer in 2013.

### City Auditorium

An estimated cost has yet to be determined for the renovation of the City Auditorium. The City Auditorium was built in 1932, and is an anchor tenant of the downtown area. Currently, this building serves as the administrative offices for several departments within Parks and Recreation. It also includes a 1,400 seat auditorium, a large gym, fitness and recreation areas, and the City's Print Shop. The building has been in continuous use since 1932 and continues to see heavy traffic because of the facilities that are housed there. As the revitalization of downtown continues, this building could become a vital spot for live theatre performances, musical events, lectures, as well as a space for fitness, recreation, and the arts. A building evaluation plan has been completed by CJMW Architecture in 2015 which outlines the phases of the renovation.

### **CITY SHERIFF**

#### City Jail

An estimated cost has yet to be determined for expanding the City Jail. The current facility was opened in 1975 and was designed to hold 77 inmates. Three dormitory areas added in the early 1990s increased the rated capacity to 213. A jail annex to house female inmates was added to the Adult Detention Center during the same time period. The last time the Danville City Jail was occupied at the rated 213 capacity was in 2009. The average daily population at the end of January 2015 was 283. The average daily population by year was as follows:

|                    |                    |
|--------------------|--------------------|
| 2009 – 212 inmates | 2012 – 304 inmates |
| 2010 – 242 inmates | 2013 – 293 inmates |
| 2011 – 262 inmates | 2014 – 309 inmates |

As the Commonwealth of Virginia closes prison facilities, Danville is forced to hold sentenced inmates awaiting transfer to State facilities for longer periods, putting increasing pressure on the Jail's population. Housing Danville prisoners in other jurisdictions is an expensive, unsustainable alternative to expansion of the jail.

### **NON-DEPARTMENTAL**

#### River District Parking

An estimated cost for constructing parking facilities for the River District has yet to be determined. On September 17, 2013, City Council received a report on River District Parking needs. While the report indicated that the current supply of parking (both public and private) meets the current demand, there is an immediate need for more parking based on announced development projects and even more parking necessary for likely future projects. This appropriation will be used to build a parking fund that will provide funding for future parking facilities. Eventually, the parking fund will include revenues from user fees and other sources. At least initially, this revenue source will not be sufficient to cover the cost of construction, so an annual appropriation from the General Fund is necessary.